

# *Old Sacramento* STATE HISTORIC PARK



## General Plan Mitigation Monitoring and Reporting Plan

State Clearinghouse No. 2010092068





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# **OLD SACRAMENTO STATE HISTORIC PARK GENERAL PLAN MITIGATION MONITORING AND REPORTING PLAN**

**DECEMBER 2013**

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## **Statutory Requirements**

Section 21081.6 of the Public Resources Code requires a Lead Agency that approves or carries out a project, where a California Environmental Quality Act (CEQA) document has identified significant environmental effects, to adopt a “reporting or monitoring program for the changes to the project which it has adopted or made a condition of a project approval in order to mitigate or avoid significant effects on the environment.”

California State Parks (State Parks) is the Lead Agency that must adopt the mitigation monitoring program for the Old Sacramento State Historic Park General Plan Environmental Impact Report (EIR).

The CEQA statutes and Guidelines provide direction for clarifying and managing the complex relationships between a lead agency and other agencies with respect to implementing and monitoring mitigation measures. In accordance with CEQA Guidelines Section 15097.d, “each agency has the discretion to choose its own approach to monitoring or reporting; and each agency has its own special expertise.” This discretion will be exercised by implementing agencies at the time they undertake any of the actions identified in the EIR.

## **Methodology**

State Parks has agreed to implement the mitigation measures listed in this Mitigation Monitoring and Reporting Program (MMRP) as part of the Old Sacramento State Historic Park (OSSHP) General Plan. The MMRP is contained within the following matrix and consists of the following components:

- Mitigation measures contained in the EIR, as adopted by State Parks;
- Party Responsible for Implementing the mitigation measures and guidelines;
- Party responsible for monitoring, reporting, and verification;
- Timeframe for implementation;
- Reporting Requirements/Performance Criteria; and,
- Date of implementation, to be filled in by the party responsible for verifying compliance, on the date the mitigation measure is fully implemented.

This Mitigation Monitoring and Reporting Program shall be maintained in State Parks' files for use in implementing mitigation measures adopted as part of the OSSHP General Plan.

In addition to the Mitigation Monitoring and Reporting Plan, this document lists the General Plan Goals and Guidelines that were referred to in the EIR as project elements that would prevent significant impacts from occurring as a result of OSSHP General Plan implementation. This list is provided for ease of reference and is not a comprehensive list of all General Plan Goals and Guidelines. Please refer to the OSSHP General Plan document for a complete listing of General Plan Goals and Guidelines.

Mitigation Monitoring and Reporting Program for the Old Sacramento State Historic Park General Plan						
Mitigation Measure	Timeframe for Implementation	Party Responsible for Implementing	Responsibility for Verification of Compliance	Reporting Requirements/ Performance Criteria	Date Implemented	Status/ Comment
<b>NOISE</b>						
<b>Mitigation Measure Noise-1:</b> State Parks and its contractors will restrict construction activities that generate noise across property boundaries to the hours of 7 a.m. to 6 p.m., Monday through Saturday, and 9 a.m. to 6 p.m. on Sundays, for work taking place within the Sacramento city limits. Within the county, noise-generating construction activities will be restricted to the hours of 6 a.m. to 8 p.m. on weekdays and 7 a.m. to 8 p.m. on weekends. In addition, State Parks and its contractors will require that all construction equipment be properly maintained per manufacturers' specifications and fitted with the best available noise-suppression devices (e.g., mufflers, silencers, wraps); and they will require that all impact tools be shrouded or shielded and all intake and exhaust ports on power equipment be muffled or shielded. Construction activities that generate noise across property lines will not be permitted on Sundays and federal, state, or city holidays.	During construction period	State Parks and its contractors	State Parks	<ol style="list-style-type: none"> <li>1. Include requirements within construction contract specifications</li> <li>2. Field compliance check during construction</li> </ol>		



Mitigation Monitoring and Reporting Program for the Old Sacramento State Historic Park General Plan						
Mitigation Measure	Timeframe for Implementation	Party Responsible for Implementing	Responsibility for Verification of Compliance	Reporting Requirements/ Performance Criteria	Date Implemented	Status/ Comment
<b>Mitigation Measure Noise-2:</b> State Parks and its contractors will restrict train speeds to less than 15 mph within 1 mile of any new at-grade crossing south of the zoo required for servicing or operating excursion line #2. State Parks and its contractors will require that train horns and whistles not be sounded at the commencement or conclusion of travel at the proposed Sacramento Zoo stop.	During excursion train operations south of the zoo	State Parks and its contractors	State Parks	1. Field compliance check during operations		
<b>Mitigation Measure Noise-3:</b> State Parks and its contractors will survey any historic structures located within 50 feet of construction activities, before construction operations, to determine whether possible damage could occur. If necessary, State Parks and its contractors will provide an on-site monitor to identify any damage to the structure and potentially halt construction activities to minimize damage. Any damage that is observed as a direct result of construction would be repaired by State Parks and its contractors to restore the structure to preconstruction conditions.	Prior to construction	State Parks and its contractors	State Parks	1. Include requirements within construction contract specifications		

## GENERAL PLAN GOALS AND GUIDELINES REFERENCED IN THE EIR

The following General Plan goals guidelines were referred to in the EIR as actions that would prevent significant impacts from occurring as part of General Plan implementation. These guidelines are integral to implementation of the General Plan and are provided here for ease of reference. Please refer to the OSSHP General Plan document for a complete listing of General Plan Goals and Guidelines.

These guidelines are included in the project and are not mitigation measures. As such monitoring and reporting requirements described in Section 21081.6 of the Public Resources Code do not apply to these guidelines.

<b>AESTHETICS</b>
<b>River Goal INT-1:</b> <i>Develop facilities and programs that interpret the significant historic, cultural, and natural resources in OSSHP, focusing on the events and activities associated with the Sacramento River and its connection to the Gold Rush, and the development of transportation, communication, and commerce.</i>
<b>Rail Goal INT-1:</b> <i>Develop facilities and programs that interpret the significant historic and cultural resources in CSRM, interpreting the history and technology of railroads and the experience of traveling by railroad.</i>
<b>Commerce Guideline INT-2:</b> Interpret the development of commerce in Old Sacramento as “layers of history” that provide interpretation of the Gold Rush period at the city’s historic grade (basement level), and interprets the commercial scene in the early 1860s and 1870s. The layers of history will interpret the city’s street raising, the evolution of the commercial street scene over time, and the kinetic nature of Old Sacramento during the 19th century.
<b>Rail Guidelines INT-1:</b> Interpret the location of the first railroad in California (Sacramento Valley Railroad), the groundbreaking of the Central Pacific Railroad (the nation’s first transcontinental railroad) at Front and K Streets, the first rails laid in Old Sacramento at Front and I Streets, and the Central Pacific and Southern Pacific Railroad Shops.
<b>Rail Guideline INT-4:</b> Interpret the historic Central Pacific and Southern Pacific Railroad Sacramento Shops buildings and their historical operations, 1863-1999, highlighting self-reliance and vertical integration; constant change, adaptation and eventual obsolescence; the course of the industrial revolution and its transition to the modern post-industrial era; and the human stories of the people who worked there.
<b>Guideline FAC-10:</b> Ensure adequate public amenities (such as restrooms, drinking fountains, seating, and shade) are provided at excursion train boarding and waiting areas. Design excursion train support structures to be visually compatible with the areas surrounding their location.

<b>Commerce Goal INT-1:</b> <i>Utilize historic facilities of OSSHP to interpret the history of Sacramento in its pioneering era, from the 1840 to the 1870.</i>
<b>Commerce Guideline INT-2:</b> Interpret the development of commerce in Old Sacramento as “layers of history” that provide interpretation of the Gold Rush period at the city’s historic grade (basement level), and interprets the commercial scene in the early 1860s and 1870s. The layers of history will interpret the city’s street raising, the evolution of the commercial street scene over time, and the kinetic nature of Old Sacramento during the 19th century.
<b>Guideline FAC-12:</b> Ensure that exterior lights are placed to minimize glare, obtrusive light, light trespass, and upward directed wasted light. Sodium vapor lighting shall not be allowed in OSSHP or on excursion train facilities.
<b>AIR QUALITY</b>
<b>Goal AQ-1: Manage fugitive dust emissions associated with construction.</b>
<b>GuidelineAQ-1:</b> Water all active construction areas, including haul roads, at least twice daily. Frequency should be based on the type of operation, soil, and wind exposure.
<b>GuidelineAQ-2:</b> Haul trucks shall maintain at least two feet of freeboard.
<b>GuidelineAQ-3:</b> Cover all trucks hauling dirt, sand, or loose materials.
<b>GuidelineAQ-4:</b> Cover, enclose, and/or water inactive storage piles.
<b>GuidelineAQ-5:</b> Sweep streets if visible soil material is carried out from the construction site onto paved streets.
<b>GOAL AQ-2: Manage the emissions generated by construction equipment and the operation of diesel locomotives.</b>
<b>GuidelineAQ-6:</b> Where feasible, use alternate fuels and emission controls to further reduce NOX and PM10 exhaust emissions.
<b>GuidelineAQ-7:</b> Where feasible replace/substitute fossil-fueled (e.g., diesel) equipment with electrically driven equivalents (provided they are not run via a portable generator set).
<b>GuidelineAQ-8:</b> Where feasible, use ARB-certified alternative fueled engines in construction equipment. Alternative fueled equipment may be powered by compressed natural gas, liquid propane gas, electric motors, or other ARB-certified off-road technologies (to find engines certified by ARB, see <a href="http://www.arb.ca.gov/msprog/offroad/cert/cert.php">http://www.arb.ca.gov/msprog/offroad/cert/cert.php</a> ).
<b>GuidelineAQ-9:</b> Provide commercial electric power to the project site in adequate capacity to avoid or minimize the use of portable electric generators and equipment.
<b>GuidelineAQ-10:</b> Limit the daily hours of operation of heavy duty diesel equipment and/or the amount of equipment in use at any one time.
<b>GuidelineAQ-11:</b> Idling times shall be minimized either by shutting equipment off when not in use or reducing the maximum idling time to 5 minutes (as required by the California airborne toxics control measure Title 13, Section 2485 of California Code of Regulations [CCR]). Clear signage shall be provided for construction workers at all access points.



<b>GuidelineAQ-12:</b> All construction equipment shall be maintained and properly tuned in accordance with manufacturer's specifications. All equipment shall be checked by a certified mechanic and determined to be running in proper condition prior to operation. Exhaust emissions shall not exceed 40 percent opacity for more than three minutes in any one hour.
<b>BIOLOGICAL RESOURCES</b>
<b>River Goal NR-1:</b> <i>Manage the river/riverfront and floodplain in OSSHP for the protection of natural resources in accordance with local, state and federal requirements for resource protection, permit requirements, and flood safety.</i>
<b>River Guideline NR-3:</b> Avoid adverse impacts to sensitive aquatic species during the implementation of any work that would result in streambed alteration, work on the bank of the Sacramento River, or disturbance of riparian areas. Conduct any in-water work consistent with requirements of endangered species and regulatory agency requirements. Apply Best Management Practices (BMPs) to protect water quality.
<b>Goal NR-1:</b> <i>Protect, maintain, and restore the natural diversity of habitats and associated sensitive natural resources including special-status species and sensitive natural communities in the parks for their perpetuation and enhancement in accordance with state and federal law.</i>
<b>Guideline NR-3:</b> For specific activities that will affect the bank of the Sacramento River or other important aquatic habitat in the planning area, and have the potential to adversely affect listed fish species, coordinate with the National Marine Fisheries Service (NMFS) regarding measures to avoid adverse effects; avoid removal of shaded riverine aquatic habitat.
<b>Goal Water-1:</b> <i>Treat stormwater runoff on-site to prevent adverse effects to water quality from installation of park facilities.</i>
<b>Guideline Water-1:</b> Install systems for onsite capture and treatment of stormwater runoff and infiltration to reduce the amount of stormwater entering the stormwater drainage system and to reduce the amount of pollution and sedimentation in the runoff.
<b>Guideline Water-2:</b> Incorporate historically-appropriate design features that provide for natural filtration of stormwater runoff wherever possible. Vegetated swales and on-site retention of stormwater runoff may be used to prevent stormwater runoff from the site from entering the Sacramento River.
<b>Guideline Water-3:</b> Implement Best Management Practices (BMPs) during project construction; prepare and implement Stormwater Prevention Pollution Plan (SWPPP); file a Notice of Intent (NOI) with the Central Valley Regional Water Quality Control Board prior to construction activities requiring a National Pollution Discharge Elimination System (NPDES) permit, and comply with NPDES permit conditions.
<b>Guideline Water-4:</b> The use of fertilizer and pesticides shall be minimized to avoid transport by stormwater or irrigation runoff.
<b>Guideline NR-1:</b> Prior to implementing projects that may affect special-status species known to or with potential to occur in the planning area, coordinate with the appropriate regulatory agencies (based on the listed status of the species in question) regarding the potential need for site specific surveys, protective measures during construction, or, if impacts cannot be avoided, the need to obtain an incidental take permit. Conduct surveys as necessary; avoid any special-status species during construction; develop protective measures, if applicable; obtain any needed permits prior to project implementation and abide by all permit conditions.

<p><b>Guideline NR-2:</b> Conduct protocol-level preconstruction surveys to determine the locations of raptor nests within 250 feet of proposed construction activities. If nesting raptors are documented on the project site or within the 250-foot buffer, no disturbances associated with construction or other project-related activities that may cause nest abandonment or substantial disruption shall occur within a 250-foot buffer. The general avoidance period recommended by DFG for nesting raptors is February 1 through August 31. Pre-construction surveys to determine nesting initiation and monitoring of nests to determine fledging dates could possibly be used to shorten the avoidance period; coordinate with DFG on potential variances of buffers or shortening of the avoidance period, if necessary.</p>
<p><b>Guideline NR-4:</b> Monitor, protect, and restore sensitive natural communities present in the planning area, including riparian woodland and forest, wetlands, and elderberry shrubs.</p>
<p><b>Guideline NR-5:</b> Avoid or minimize removal of native vegetation to the greatest extent possible.</p> <ul style="list-style-type: none"> <li>• <b>Guideline NR-5a:</b> Strive to enhance the riparian habitat in OSSHP as part of planned site improvements.</li> <li>• <b>Guideline NR-5b:</b> Use native riparian vegetation to improve the Sacramento River shoreline at Riverfront Park, when necessary or appropriate for interpretive functions or to enhance the visitor experience.</li> <li>• <b>Guideline NR-5c:</b> Avoid removal of native trees and shrubs along the railroad-right-of way as part of implementation of the excursion trains.</li> </ul>
<p><b>Guideline NR-6:</b> Restore degraded areas along the bank of the Sacramento River in OSSHP that are characterized by invasive weeds, ruderal vegetation, and rubble to native vegetation communities to the greatest extent feasible.</p>
<p><b>Guideline NR-7:</b> Manage non-native invasive species in the planning area to prevent their establishment and spread. Prioritize management efforts for those species that are most invasive, ecologically detrimental, and/or conspicuous. Continue vegetation treatment along the railroad right-of-way.</p>
<p><b>River Guideline NR-5:</b> Look for opportunities for “themed” areas along the riverfront in OSSHP that can tell the story of native riparian vegetation, the flood cycles that once dominated the settlement of the area, and the importance of the river as a highway in the 19th century.</p>
<p><b>Guideline NR-8:</b> Prior to initiating ground-disturbing activities affecting wetland and/or other waters of the United States subject to U.S. Army Corps of Engineers (USACE) jurisdiction (i.e. the Sacramento River, wetlands within the Stone Lakes Wildlife Refuge), coordinate with the USACE regarding the potential need to obtain a permit pursuant to section 404 of the federal Clean Water Act (CWA); if it is determined that a permit is required for project implementation, obtain the permit prior to project implementation and abide by all permit conditions. Any impacts to wetland and other waters of the U.S. shall be mitigated on-site whenever possible.</p>
<p><b>Guideline NR-9:</b> If a CWA Section 404 permit from the USACE is required, obtain Section 401 clean water certification from the Central Valley Regional Water Quality Control Board as a condition of Section 404 permit requirements; abide by all permit conditions.</p>

<b>CULTURAL RESOURCES</b>
<b>GOAL CR-1: Identify, document, protect, stabilize, and preserve significant cultural resources.</b>
<b>GOAL CR-2: <i>Identify, document, and enhance the cultural resource collections in OSSHP.</i></b>
<b>GOAL CR-3: <i>Protect, preserve, stabilize and analyze known and potentially present prehistoric and historic archaeological resources.</i></b>
<b>Guideline CR-1:</b> California State Parks will prepare a Historic Properties Management Plan/Historic Properties Treatment Plan (HPMP/HPTP) that will guide implementation of all Cultural Resources Guidelines contained in this document. The California State Historic Preservation Officer (SHPO) and State Parks Preservation Officer will be consulted concerning the content of the HPMP/HPTP. The HPMP/HPTP will specify that individual proposed projects in OSSHP will be subject to individual review and consultation with SHPO to ensure consistency with the Secretary of the Interior's Guidelines for the Treatment of Historic Properties and the Guidelines for the Treatment of Cultural Landscapes. The review and consultation procedures for individual projects will be described in the HPMP/HPTP.
<b>Guideline CR-2:</b> For projects that California State Parks determines have the potential to effect cultural resources but which will be reviewed prior to completion of the HPMP/HPTP, California State Parks will conduct a cultural resources inventory, evaluation, assessment of effects and will consult with SHPO.
<b>Guideline CR-3:</b> California State Parks will follow standard operating procedures and directives for cultural resources management practices and incorporate the latest professional practices in the operations of OSSHP.
<b>Guideline CR-4:</b> Require a State Parks architectural historian (State Parks Historian II/III) or designated consulting architectural historian who meets the Secretary of the Interior's Qualifications Standards to review all design development for park improvements within OSSHP to ensure consistency with the Secretary of the Interior's Guidelines for the Treatment of Historic Properties and Guidelines for the Treatment of Cultural Landscapes. The architectural historian will also establish procedures for planning of new facilities to avoid or reduce potential adverse effects to historic resources in the Park and any surrounding historic districts or resources.
<b>Guideline CR-5:</b> Require a State Parks state archaeologist or designated consulting archaeologist who meets the Secretary of the Interior's Qualifications Standards to monitor all excavation for park improvements and development of facilities using methods and procedures to be developed in the HPMP/HPTP.
<b>Guideline CR-6:</b> Conduct cyclical monitoring/condition assessments on known historical resources (includes both archaeological and historic built environment). Such stewardship will include updating recordation documentation, site condition assessments, and treatment recommendations.
<b>Guideline CR-7:</b> Ensure that all potentially eligible and listed historic and prehistoric properties or sites are identified and are managed in accordance with the HPMP and in accordance with the Secretary of Interior's Standards for the Treatment of Historic Properties and Guidelines for the Treatment of Cultural Landscapes.

<p><b>Guideline CR-8:</b> As part of the planning and design process for area-specific projects, and prior to commencement of any ground disturbance, grading, or construction related to new facilities or enhancements, a qualified cultural resource professional will conduct appropriate record reviews and any testing or necessary fieldwork to determine the presence of cultural resources.</p> <ul style="list-style-type: none"> <li>• <b>Guideline CR-8a:</b> Proposed projects shall be designed to avoid or minimize impacts to the identified cultural resources.</li> <li>• <b>Guideline CR-8b:</b> Such research and testing will be conducted in accordance with the provisions of the HPMP/HPTP which will be prepared in consultation with SHPO and will be conducted under the direct supervision of a State Parks associate or senior state archaeologist or designated consulting archaeologist who meets the Secretary of the Interior's Qualifications Standards. Archaeologists other than State Parks archaeologists conducting archaeological investigations within a park will be required to have an Archaeological Permit issued by AHM Division of State Parks.</li> </ul>
<p><b>Guideline CR-9:</b> Historic buildings, not previously open to the public, shall be in compliance with California Historical Building Code Requirements for public health and safety, prior to being made available for public use.</p>
<p><b>Guideline CR-10:</b> The introduction of any new facilities will be designed in accordance with the HPMP/HPTP and the Secretary of the Interior's Standards for the Treatment of Historic Properties and Guidelines for the Treatment of Cultural Landscapes.</p>
<p><b>Guideline CR-11:</b> Continue to develop, maintain, and enhance the archive of historical and ethnographic documents, reports, research materials, and artifacts pertinent to the resources and interpretive programs and themes in OSSHP, such as digitizing reports or records.</p>
<p><b>Guideline CR-12:</b> In the event that an archaeological resource would be potentially damaged by a proposed project and there are no feasible methods to avoid or protect the archaeological resource, conduct an archaeological excavation in accordance with provisions of the HPMP/HPTP.</p>
<p><b>Guideline CR-13:</b> Historical research, archaeological fieldwork, and site monitoring will be conducted in accordance with the HPMP/HPTP under the direct supervision of State Parks associate or senior state archaeologist or designated consulting archaeologist who meets the Secretary of the Interior's Qualifications Standards, or (as appropriate for the type of task) a State Historian II/III or designated consulting archaeologist who meets the Secretary of the Interior's Qualifications Standards.</p>
<p><b>Guideline CR-14:</b> In the event that archaeological excavation is conducted, feasible means of protection, preservation and stabilization of the archaeological remains will be developed and implemented in accordance with the HPMP/HPTP and under the direct supervision of a State Parks associate or senior state archaeologist or designated consulting archaeologist who meets the Secretary of the Interior's Qualifications Standards. An archaeological technical report meeting the Office of Historic Preservation's Archaeological Resource Management Report standards will be prepared.</p>
<p><b>River GOAL CR-1:</b> <i>Identify, evaluate, and interpret the cultural resources associated with the riverfront in OSSHP.</i></p>
<p><b>Commerce GOAL CR-1:</b> <i>Cultural resources associated with the development of the Gold Rush and Commerce area should be carefully defined, evaluated, preserved, and interpreted.</i></p>
<p><b>RAIL GOAL CR-1:</b> <i>Identify, evaluate, and interpret the cultural resources of railroad facilities in CSRMP including related trains, tracks, and equipment and the station sites and right-of-way areas along the Sacramento Southern Railroad line.</i></p>

<p><b>Commerce Guideline CR-1:</b> Reconstruction of commercial buildings or facades on the Gold Rush and Commerce Block will be undertaken only when documentary and physical evidence is available to permit accurate reconstruction with minimal conjecture. Where possible, archaeological evidence will be used to provide information essential to accurate reconstruction. Any reconstruction will include measures to preserve remaining historic materials, features and spatial relationships. Any reconstructed buildings or elements of buildings will be clearly identified as a contemporary re-creation and pseudo-historical building designs that were never actually executed will not be constructed. Reconstructions will not be built when an existing building can adequately be used for interpretation of the primary themes.</p>
<p><b>Commerce Guideline CR-2:</b> Where accurate reconstructions are not possible due to lack of adequate documentary or physical evidence, either no building will be built or the uses of the site shall be interpreted with signage.</p>
<p><b>Commerce Guideline CR-3:</b> Ensure the preservation of the B.F. Hastings Building, a National Historic Landmark, and the Dingley Spice &amp; Coffee Mill, a contributing resource to the Old Sacramento National Historic Landmark District by being active cultural resources stewards and following preservation best practices including compliance with the Secretary of Interior's Standards for the Treatment of Historic Properties.</p>
<p><b>Commerce Guideline CR-4:</b> Buildings and scenes to be reconstructed on the Gold Rush and Commerce Block will be based on the accurate duplication of historic features and elements substantiated by documentary or physical evidence. Interpretive materials will be based on events that were historically significant, provide strong educational value of Gold Rush or railroad history, and that are known and sufficiently documented.</p>
<p><b>Rail Guideline CR-1:</b> In coordination with development of the Downtown Sacramento Railyards project, identify and interpret the path of the first transcontinental railroad through the Railyards property.</p>
<p><b>Rail Guideline CR-2:</b> In coordination with the City and private property owners, prepare and facilitate the nomination of the Central Shops Historic District to the National Register of Historic Places.</p>
<p><b>Rail Guideline CR-3:</b> Although no known historical or archaeological sites lie within the Railroad right-of-way area of the proposed excursion train extension to Hood, include an experienced archaeologist to monitor significant grading or trenching associated with future construction of the excursion train line.</p>
<p><b>Rail Guideline CR-4:</b> Continue to educate and enable volunteers to participate, under the direct supervision of qualified professional staff, in a wide array of rail preservation projects including the development of the Railroad Technology Museum and expanded excursion train operations.</p>
<p><b>GIOLOGY, SOILS, AND SEISMICITY</b></p>
<p><b>Guideline SAFE-1:</b> Train park personnel in safety and security measures to ensure staff and visitor safety.</p>
<p><b>Guideline SAFE-2:</b> Historic buildings not previously open to the public will comply with California Historical Building Code requirements for public health and safety prior to being made available for public use.</p>

<b>HAZARDS AND HAZARDOUS MATERIALS</b>
<b>Guideline SAFE-3:</b> In conjunction with final designs and prior to construction requiring dewatering, DPR shall ensure a groundwater management plan is prepared by a registered environmental professional with expertise in groundwater contamination fate and transport to identify the extent to which the construction activities could affect groundwater flow. The plan shall identify procedures that would be implemented before, during, and after construction to ensure project features do not adversely affect flow directions or rate of known contaminant plumes.
<b>Guideline SAFE-7:</b> Coordinate with City law enforcement personnel regarding jurisdiction coverage for programs or activities in OSSHP that span between property lines and areas.
<b>Rail Guideline SAFE-1:</b> Prior to any ground disturbance within the railroad right-of-way, a Phase I Environmental Site Assessment shall be performed and recommendations for further investigations shall be followed. Remedial actions recommended shall be completed prior to ground disturbance.
<b>Rail Guideline SAFE-2:</b> Prior to any ground disturbance at the Docks Area Specific Plan site, within the railroad right-of way, a Phase 2 Environmental Site Assessment shall be conducted to analyze soil and groundwater conditions beneath the site.
<b>Rail Guideline SAFE-4:</b> Maintain the brush control plan along the railroad right-of-way to minimize wildfire risk and coordinate with local fire protection districts and agencies to establish emergency response and fire response plans along the excursion train railroad right-of-way.
<b>HYDROLOGY AND WATER QUALITY</b>
<b>Guideline WATER-3:</b> Implement Best Management Practices (BMPs) during project construction; prepare and implement Stormwater Prevention Pollution Plan (SWPPP); file a Notice of Intent (NOI) with the Central Valley Regional Water Quality Control Board prior to construction activities requiring a National Pollution Discharge Elimination System (NPDES) permit, and comply with NPDES permit conditions.
<b>LAND USE AND PLANNING</b>
<b>Rail Guideline SAFE-3:</b> Consult with the Sacramento County Airport Land Use Commission regarding safety measures needed for conducting maintenance activities along the portions of the rail line that are within the Clear Zone for Runway 2-20 near the Executive Airport.
<b>PUBLIC SERVICES</b>
<b>Guideline SAFE-9:</b> Coordinate with local fire protection districts to ensure safety measures and practices are included in the Management and Operations Plan for OSSHP and along the excursion train route.



**UTILITIES AND SERVICE SYSTEMS**

**Guideline UTIL-1:** Study the capacity of existing utility systems and identify future demand for water, stormwater drainage, sewer, electricity, gas, and telecommunication needs to determine if existing utilities are adequate to serve new demands during daily and peak-use periods. Work with infrastructure providers, and agencies affected, to improve, upgrade, relocate, or expand existing utility lines and infrastructure, as needed for future demands.

**Guideline FAC-2:** Coordinate with the City of Sacramento (which administers the portions of Old Sacramento outside State Parks' and private property owners' jurisdiction) and the developers of the Railyards to ensure the adequate provision of public amenities (such as restrooms, water fountains, shade, and seating) throughout Old Sacramento and the Central Shops Historic District.

**Guideline FAC-8:** Install drinking fountains near restrooms and at important gathering areas throughout the parks.

**Guideline FAC-10:** Ensure adequate public amenities (such as restrooms, drinking fountains, seating, and shade) are provided at excursion train boarding and waiting areas. Design excursion train support structures to be visually compatible with the areas surrounding their location.

